west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #:**15017**
Brownfield Site: Yes ☐ No ☒
Report Date: **3-22-16**

OFFICE OF ENVIRONMENTAL REMEDIATION
VOLUNTARY REMEDIATION PROJECT
SITE VISIT/INSPECTION REPORT

APPLICANT			LRS		
NAME: **Freedom Industries**			NAME: **Matt Ford**		LRS# **240**
ADDRESS: **1015 Barlow Drive**			ADDRESS: **533 N. Jefferson St., Suite 3**		
CITY: **Charleston**	STATE: **WV**	ZIP: **25311**	CITY: **Lewisburg**	STATE: **WV**	ZIP: **24901**
PHONE: (**304**)**720-2312**			PHONE: (**304**) **520-4260**		
CONTACT: Robert Johns, Spill Claim Plan Administrator					

LOCATION

FACILITY: **Freedom Industries**	STREET ADDRESS: **1015 Barlow Drive**	
CITY: **Charleston**	COUNTY: **Kanawha**	PHONE: ( )
DATE OF VISIT: **March 22, 2016**	TIME IN: **~ 4:30 pm**	TIME OUT: **~ 5:45 pm**

SITE STATUS: Abandoned ☒ Active ☐ | **UST's:** Existing ☐ Former ☒ | **SURFACE SOIL STAINING:** Yes ☐ No ☒

SURFACE WATER ON OR ADJACENT TO PROPERTY: Yes ☒ No ☐ | **EXISTING MONITORING WELLS:** Yes ☒ No ☐

Existing Structures Including Dimensions and Use: 1. Former/current office building (offices, small coal testing lab and storage) - ~125'L x ~85'W x ~30'H; 2. Garage/maintenance and vehicle storage building - ~225'L x ~55'W x ~20'H

Chemicals of Potential Concern: 4-methylcyclohexanemethanol (MCHM), propylene glycol phenyl ether (PPH), calcium chloride, ethylene glycol, glycerin, polychlorinated biphenyls (PCB's), lead, petroleum hydrocarbons, volatile organic compounds (VOC's) and semi-volatile organic compounds (SVOC's)

DRINKING WATER SOURCE: GW ☐ Public ☒ Other	**SURROUNDING LAND USE**: Residential ☒ Commercial ☒ Industrial ☐ Recreational ☐ Agricultural ☐ Other ☐
OTHER AREAS OF CONCERN:	

COMMENTS

On-site at Freedom Industries AST release site @ ~ 1430 hrs. Sunny, ~ 65°; SPSI workers on-site (SPSI employees include Gary Houseman, Lance Wilcox & Larry Gaffka). Kinder Tuckwiller of CORE also on-site. Tasks today include delivery of stone, french drain excavation/installation and site maintenance.

Primary goal today was installation of the french drain system at the toe of the slope and up into the slope itself. KInder explained the construction of the french drain system. A wide (10-12') trench was installed from the toe of the slope up through the middle of the slope area (perpendicular to the collection trench on the lower level) where groundwater discharge was obviously occurring. This led to a trench installed perpendicular to the slope about halfway up (midslope) - this trench was ~ 10-12' deep.. From there, "fingers" were installed in a fan shape further upslope and laterally to the areas where groundwater seeps were evident. A "half-moon" trench was then installed at the top of the "fingers" (essentially at the top of the slope) where groundwater seeps were evident. A large retention trench was installed on the lower level adjacent to and south of the main collection trench - the french drain system tied into this trench. The entire french drain system was filled with #10 stone and will be capped with clay. Additional clay will be trucked in tomorrow.

Departed site ~ 1745 hrs.

A numbered list of photos taken during today's site visit follows, with the photos attached below:

1. View of surplus soil pile leftover from slope grading, just south of top of slope - looking north.
2. Compacting #10 stone in french drain system on slope.
3. #10 stone in "half-moon" trench at top of slope.

4. French drain installation at toe of slope, just above concrete buttress - looking south.
5. Area of retention trench adjacent to and south of main collection trench.

Project Manager's Signature: _____ **Date:** 3-22-16

1.

3.

2.

4.

5.